CLAIMS

- 1. An isolated polynucleotide comprising a transcript of an Immunoglobulin (Ig) gene, the polynucleotide lacking V region sequences and comprising a constant (C) domain and joining (J) region sequences, and a 5' intronic J sequence upstream of the J region sequence including an in-frame methionine codon.
 - 2. The polynucleotide according to claim 1, encoded by an Ig heavy chain gene.
 - 3. The polynucleotide according to claim 1, encoded by an Ig μ heavy chain gene.

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- 4. The polynucleotide according to claim 2, comprising a truncated μ heavy chain having SEQ ID NO:1; SEQ ID NO:3; SEQ ID NO:4. SEQ ID NO:5; or SEQ ID NO:6.
- 5. The polynucleotide according to claim 2, encoding a peptide comprising SEQ ID NO:2.
 - 6. An antisense DNA molecule to the isolated polynucleotide according to claim 1.
- 7. The antisense DNA molecule according to claim 6, wherein the polynucleotide comprises SEQ ID NO:1; SEQ ID NO:3; SEQ ID NO:4. SEQ ID NO:5; SEQ ID NO:6 or a nucleic acid sequence that encodes a peptide comprising SEQ ID NO:2.
 - 8. An expression vector comprising the polynucleotide according to claim 1.
- 9. The expression vector according to claim 8, wherein the polynucleotide comprises SEQ ID NO:1; SEQ ID NO:3; SEQ ID NO:4. SEQ ID NO:5; SEQ ID NO:6 or a nucleic acid sequence that encodes a peptide comprising SEQ ID NO:2.
- 10. A host cell comprising the vector according to claim 8, wherein the cell is30 mammalian.
 - 11. The host cell according to claim 10, wherein the cell is a transfected mesenchymal human cell.
 - 12. A polypeptide encoded by the polynucleotide according to claim 1.

- 13. The polypeptide according to claim 12, wherein the polynucleotide comprises SEQ ID NO:1; SEQ ID NO:3; SEQ ID NO:4. SEQ ID NO:5; SEQ ID NO:6 or a nucleic acid sequence that encodes a peptide comprising SEQ ID NO:2.
 - 14. An antibody raised against the polypeptide according to claim 12.
- 15. The antibody according to claim 15, wherein the polypeptide is encoded by a polynucleotide comprising SEQ ID NO:1; SEQ ID NO:3; SEQ ID NO:4. SEQ ID NO:5; SEQ ID NO:6 or a nucleic acid sequence that encodes a peptide comprising SEQ ID NO:2.

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- 16. A method of inducing mesenchymal intercellular interactions comprising the step of administering to a subject in need thereof transfected mesenchymal human cells comprising a polynucleotide comprising a transcript of an Immunoglobulin (Ig) gene or T cell receptor (TCR), the polynucleotide comprising a constant (C) domain, joining (J) region sequences, and a 5' intronic J sequence upstream of the J region sequence including an in-frame methionine codon, the polynucleotide lacking V region sequences, wherein an amount effective to induce mesenchymal intercellular interactions.
- 17. The method according to claim 16, wherein the polynucleotide comprises any one of SEQ ID NOS:1; 3-6 or a nucleic acid sequence that encodes a peptide comprising any one of SEQ ID NO:2 or 7-42.
 - 18. The method according to claim 16, wherein the cells are of an autologous or allogeneic origin.

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- 19. The method according to claim 16, wherein the method induces wound healing.
- 20. The method according to claim 22, wherein the subject has had a bone marrow trasplant or chemotherapy and the method induces hemopoiesis.

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21. A method of suppressing mesenchymal intercellular interactions comprising the step of administering to a subject in need thereof transfected menechymal human cells comprising a DNA molecule according to claim 11, in an amount effective to suppress mesenchymal intercellular interactions.

- 22. The method according to claim 21, wherein the cells are of an autologous or allogeneic origin.
 - 23. The method according to claim 21, wherein the method suppresses cancer.
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- 24. A method of suppressing mesenchymal intercellular interactions comprising administering to a subject in need thereof transfected mesenchymal human cells comprising an antisense polynucleotide comprising at least part of a transcript of an Immunoglobulin (Ig) gene or T cell receptor (TCR), the transcript lacking V region sequences and comprising a constant (C) domain, joining (J) region sequences, and a 5' intronic J sequence upstream of the J region sequence including an in-frame methionine codon, the antisense polynucleotide administered in an amount effective to induce mesenchymal intercellular interactions.
- 25. The method according to claim 24, wherein the polynucleotide is an antisense to at least part of a transcript comprising anyone of SEQ ID NOS:1; 3-6 or a nucleic acid sequence that encodes a peptide comprising any one of SEQ ID NO:2 or 7-42.
 - 26. The method according to claim 24, wherein the method suppresses cancer.